



Customer Summary

Newfoundland Aqua Services Ltd. (St Albans, NF Labrador)

Re: Fishnet Repair Factory

Problem

Fishnets used for fish farming contains a Copper Special Paint to prevent fouling. Government does not allow to clean the fishnets in the ocean. The cleaning of this large expensive nets has to be done on land. This create the challenge that copper discharge has to meet local regulations for discharge

Solution

Client was not treating the water but rather concentrating the contaminants and then evaporating the water.

We put an Electrocoagulation treatment system followed by a DAF.



Main Highlights

- Water from Parts-washers contain a very high level of solids
- 260 GPM system, Tailored designed to handle the daily operational flow.
- Customer was able to recycle the water good for cleaning rather than using evaporation.





Before and After

- Fully Automated.
- Better quality of water for re-use.

Solution

A continuous flow design system to operate between 260 and 280 GPM was put in place to change the process from evaporation to treatment and re-use of water. Evaporation was not the right method because was not only expensive but also highly corrosive on the equipment (Evaporator).

The levels of solids in the water from the fishnets that have been in the ocean for a period of 2 years is very high. Now the customer can reuse the water and produce better water for the washing. Water can be changed or replaced with less frequency.

